

### **In The Abstract**

Please cancel the Abstract and insert the following in place thereof (changes from the original abstract are reflected by underlining for additions and strikethrough for deletions) :

A personal golfing assistant system includes a handheld device and ~~is comprised of software running on a PDA attached directly or remotely to~~ a GPS receiver that enables the user to survey and/or electronically capture geophysical golf data. The system can be used ~~A handheld device connected to or integrated with a GPS receiver can instead be used.~~ Software allows a golfer to use a handheld PDA/GPS unit during the course of play to mark a ball location automatically, and/or determine the distance to golf course targets and/or or objects, and to analyze golf related data and generate statistics. The system provides a graphical display of useful golf-related information and can send a set of parameters tailored for a specific course to a real time tunable GPS to adjust for optimal performance and can adjust measurements to compensate for environmental condition changes. ~~The system provides an improved graphical method for measuring and displaying distances between a golfer and a golf course object, for displaying multiple measured distances along a line of sight between a golfer and a golf object or target, and for orienting a target or object on a display to coincide with a user's line of sight.~~ There is also provided a method for collecting and uploading golf course geographic information ~~services (GIS) data~~ to an internet accessible server, processing the uploaded data, distributing data upon an authorized user request, and downloading the requested data to an electronic device.